Math Pro Ryan Talks To Club on Set Ideas

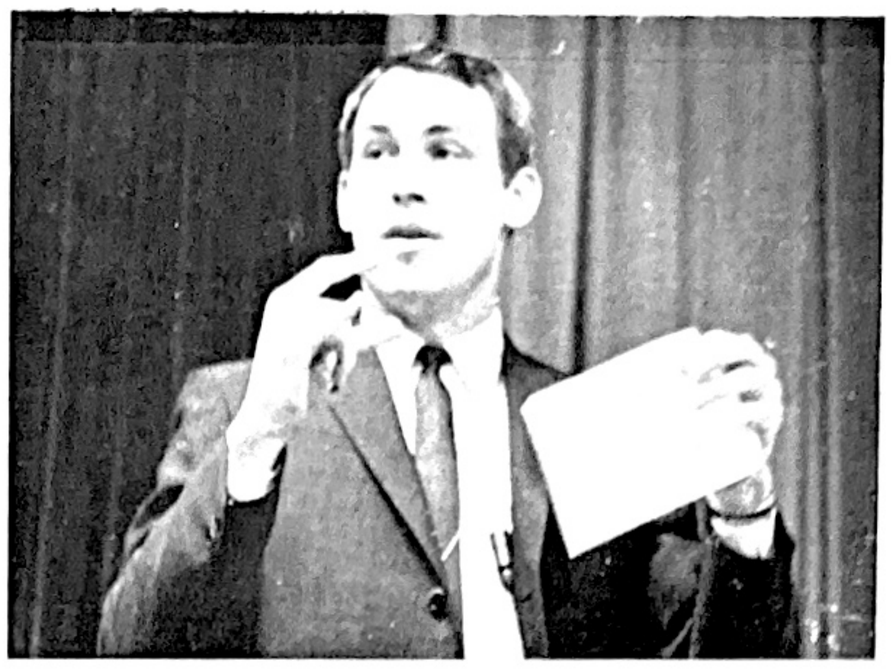
The Shaker Mathematics Society became a tremendously popular organization on Tuesday, October 16, when 200 students crowded into the small auditorium to hear the guest speaker.

THE CAUSE of all this excitement was Frank Ryan, quarterback of the world-champion Cleveland Browns. Within minutes after the 3:30 bell sounded on Thursday afternoon, several Shakerites jammed the corridor outside of the main office and stared eagerly at the man inside. Ten minutes later, Doctor Ryan, who received his highest degree at Rice University in 1965, made his way through the crowd and appeared in the auditorium.

Larry Barker, president of the math club, introduced the slender, six-foot three-inch doctor, who proceeded to speak for one hour on infinite sets, the Russell paradox, and the Continuum hypothesis. With an unusually keen aptitude for logic, Doctor Ryan captivated the somewhat puzzled audience.

DOCTOR RYAN'S TOPIC was apparently one of his favorites. In a recent, three-page Saturday Evening Post article about the two worlds of Frank Ryan, he discusses Bertrand Russell's great paradox, which concerns the impossibility of infinite sets being elements of themselves.

Larry explanied how he secured the speaker: "I met Dr. Ryan at a recent meeting of Mensa, an international organization for promoting intellectual stimulation among people of high I.Q.'s. When the official meeting ended, I crossed the room and introduced myself to Dr. Ryan. I asked him if he would be willing to speak to the Math Society, and he graciously accepted. We discussed possible topics for several minutes and decided upon set theory, especially infinite sets."



Dr. Frank Ryan, who dislikes mixing football and mathematics, expounds the theories of infinite sets before the Math Society.

THE SHAKERITE

36th Year, No. 6 Shaker Heights High School, Shaker Heights, Ohio November 24, 1965

Don Sayre and Lewis Margolis take lunch at Latin.

Six Shakerites Go Looking; Return Cathedral Latin Visit

Six Shaker students constituted a delegation which visited Cathedral Latin High School on November 12. Lewis Margolis, Kathy Glassman, Linda Hutton, Don Sayre, Doug Bernon, and Rosie Braman attended Cathedral Latin as part of a program initiated to create understanding between different schools in the Cleveland area.

THE SIX DELEGATES spent the day as guests of the Cathedral Latin Student Council. The Shakerites attended classes, including Latin's religious instruction, were guests at lunch, and attended a Latin pep rally. All of the Shakerites were impressed with the friendliness with which they were received.

Preceding the Shakerites' visit to Cathedral Latin, seven Latin students, members of Student Council, visited Shaker. The Shaker students who were later sent to Cathedral Latin led the Latin students on a tour of Shaker. The Latin representatives viewed the United Appeal assembly and a session of Demerit Panel. They attended Shaker classes in the afternoon.

BY EXPANDING the exchange program begun with Cathedral Latin, Shaker's Student Council hopes to become familiar with various schools. The program will avoid visits to L E L schools, with which Shaker has adequate contact, and will concentrate on schools about which Shakerites know little.

Although no definite schedule has been established, Shaker will send representatives to other schools. The selection of students to participate in the program will not come exclusively from members of Student Council. Students will be chosen on the basis of their ability to represent Shaker accurately and to benefit from the experience of seeing other schools in action.

Clubs Feature Foreign Flavor

Under the auspices of Shaker's French, Latin, and Spanish clubs, bilingual Shakerites will celebrate a *Festo*, which in the international *Esperanto* means festival, on Friday evening, December 10, in the cafeteria.

A POTLUCK dinner will initiate the evening's festivities, which will center upon the use of the various languages. The foods will bear names from each language to challenge and tempt the club members.

Barbara Grau and Wendy Nelson, co-chairmen of the dinner, along with teacher sponsor Miss Elizabeth Schneider, have planned a Treasure Hunt in Three Languages, various trilingual contests, plus group singing and dancing.

AN ADDED HIGHLIGHT of the dinner is that the Italian, Swiss, and French consuls have been invited as special guests, but thus far their appearances are still tenative.

Club presidents Jim Miller, Lionel Webber, and Pam Glover are each anticipating a large turnout from their respective organizations, with the hope that the *Festo* will be festive in each of the three languages.

Latin Club plans to present two original skits. One of them, a scene from the play "A Funny Thing Happened on the Way to the Forum," is directed by club president Jim Miller. Craig Stout and Bob Hoffman will play the lead roles. The second skit is a take-off on the James Bond thrillers, called "Lucius Junius Bondus."

Area Rotary Club Fetes High School's Big Wheels

The Heights Rotary Club, composed of both Shaker and Cleveland Heights members, aims to acknowledge leadership and encourage the exchange of ideas. It will try to do both in two programs scheduled for the near future to which it has invited Shaker's participation.

The first program concerns recognition of two Shaker service students at monthly Heights Rotary dinners. The first of these was last November 4 at the Alcazar Hotel. Shakerites Larry Sarkozy and Doug Bernon, along with two Heights students, attended. Student Council will consider the method of selection of future representatives.

The second program will involve a student exchange between Shaker and London, Ontario. The two Canadian boys chosen will attend Shaker December 6 to 8. The following week, two senior boys from here will visit London, Ontario. By living in the community, they will have an opportunity to meet other students and experience the atmosphere and habits of that area.

Execs Choose Harr as Head

The Curriculum Committee, a new organization offering constructive criticism and suggestions for the improvement of the school curriculum, announced its permanent members on Tuesday, November 9.

They are sophomores Joe Stern, Mike Cavallo, Richard Koblentz; juniors David Walzer, Jill Marks, Beverly Gans; and seniors Norman Klivans, Amy Harr, and Craig Laronge. The chairman is Amy Harr.

Students who wished to join the committee filled out an application asking what subjects they take now and what activities they participate in. Applicants also wrote why they were interested in joining the committee, and any suggestions they had.

Miss Carolyn Olds receives a light meter test in the cafeteria on November 11 after school. She aided in simulating a classroom scene for a Coca Cola commercial to be televised nationally during the Orange Bowl Game on January 1, 1966.

Thanksgiving Assembly Features Bach, Musicals

Four of Shaker's musical organizations—the Orchestra, the Girls' Glee Club, the Chanticleers, and the A Cappella—will give their first formal performance of the year at this morning's pre-Thanksgiving Assembly.

STUDENTS WILL WALK into the auditorium to strains of Wagner's *March of the Meistersingers* played by the Orchestra, newly organized by Dr. Bertha N. Maraffie. The assembly begins with a program by the Chamber Orchestra, that is, the full Orchestra and C woodwind instruments. Their selections include two Bach chorales and his *Fugue and Prelude in E minor*, and finally R. Vaughn William's *Rondo* from the "Charterhouse Suite."

After Richard Malitz, accompanist of the A Cappella, plays a Rachmaninoff piano solo, the Orchestra will close with Jerome Kern's *Look for the Silver Lining*.

The 35-member Girls' Glee Club, under the direction of Reynodl C. Ellis like all vocal groups at Shaker, will sing songs from three musicals: *Someday My Prince Will Come* from "Snow White," *Young and Foolish* from "Plain and Fancy," and *Love Look Away* from "Flower Drum Song." They will also sing an English lullaby called *Golden Slumbers*. The Orchestra will follow the Glee Club playing a light piece, Jerome Kern's *Look for the Silver Lining*.

THE 14 VOICES of the Chanticleers, a small group chosen from the A Capella, will sing their theme song, *Holiday*, in a Fred Waring arrangement, and then two selections from "The Sound of Music" and "Music Man." To close the program the A Cappella Choir will give their rendition of Bach's *All Breathing Life*. They will end with two Negro spirituals.

Judge Speaks On Immigration

Juvenile Court Judge Angelo J. Gagliardo addressed the Junior Council on World Affairs, the Pre-law Club, and the Government Intern program yesterday, November 23. The judge began his speech at 3:30 p.m. in the Small Auditorium.

HE DISCUSSED the merits of the new immigration bill, passed this year by Congress. The new bill modernizes former immigration regulations and for the first time puts southern and eastern Europe on equal immigration status with the rest of Europe. A quota was imposed on South America.

Judge Gagliardo was active in Cleveland in promoting the bill. He has formed the Cleveland Immigration Committee.

ALAN UNGER, president of Junior Council on World Affairs, arranged for Judge Gagliardo to speak at Shaker.

Dwindling Band Merits More Student Support

We have a problem: our band is not large enough to be representative of Shaker High's excellence.

EVERY STUDENT must have been disappointed when he saw our band at the recent football games. Every Lake Erie League band was bigger. When the two bands stood together ours seemed half the size of that of Brush and Parma.

Our band represents Shaker. People form an impression of Shaker High on the half-time show. Our musicians are one tangible, visible sign of our school. Where are the other talented musicians who should be in the band? We need them but they will join only if it is rewarding to do so.

THE FAULT is ours. The student body and school administration have not given prestige to the band. Band members get little recognition for the time they spend drilling on the field and practicing. Like the football players they must work in snow, sleet, cold, heat; they cannot, and never do, fail to appear for their performances.

Here are three steps to help solve our problem. 1. We should honor them at the fall sports assembly; they are an integral part of fall sports. 2. We should award the medals they win in the spring city-wide contest at an all school assembly just as we honor key winners. 3. We should offer them special privileges to make up for the time they have spent.

WE COMMEND the band members and their director, Francis E. Hammond. We thank them for their unfailing dedication of Shaker, for doing a good job without adequate student support. Now, the student body should resolve to actively recognize and help build a real Shaker band.

Unruly Sr. Boys Make Mockery of GC Class

Discipline among students at boys' Group Conference classes has never been good. Now it seems worst where it should be best, in the senior classes.

EVERY THURSDAY, two entire senior gym classes meet for Group Conference, one during fifth period and one during sixth. Loud talking and general misconduct continue long after the bell rings. Students generally ignore the first requests to come to order, and only after great effort on the part of the counselors is there any general order at all. Not only does this situation occur at the beginning of every period, but it usually flares up several times during the class. Seniors even refuse to take seriously the reprimands they receive from the counselors.

But the height of rudeness is misbehavior toward guests to the school. Several weeks ago, a lawyer was invited to address the senior Group Conference classes on his profession. During the question-and-answer period following the speech, talking among students was so loud that the speaker was often unable to hear the questions addressed to him. In a later class, a Marine recruiter speaking on compulsory service requirements met the same kind of rudeness.

WE ARE NOT going to make the complacently trite observation that the unruliness was due to only a few members of the group; this kind of misbehavior should not occur at all, for any reason, among sophomores, juniors, or seniors. Obviously two counselors cannot control 150 unruly boys, nor should they need to.

Member of NSPA, CSPA THE SHAKERITE Quill and Scroll

The Shakerite is a bi-weekly publication of The Shakerite newspaper staff at Shaker Heights High School, Shaker Heights, Ohio.

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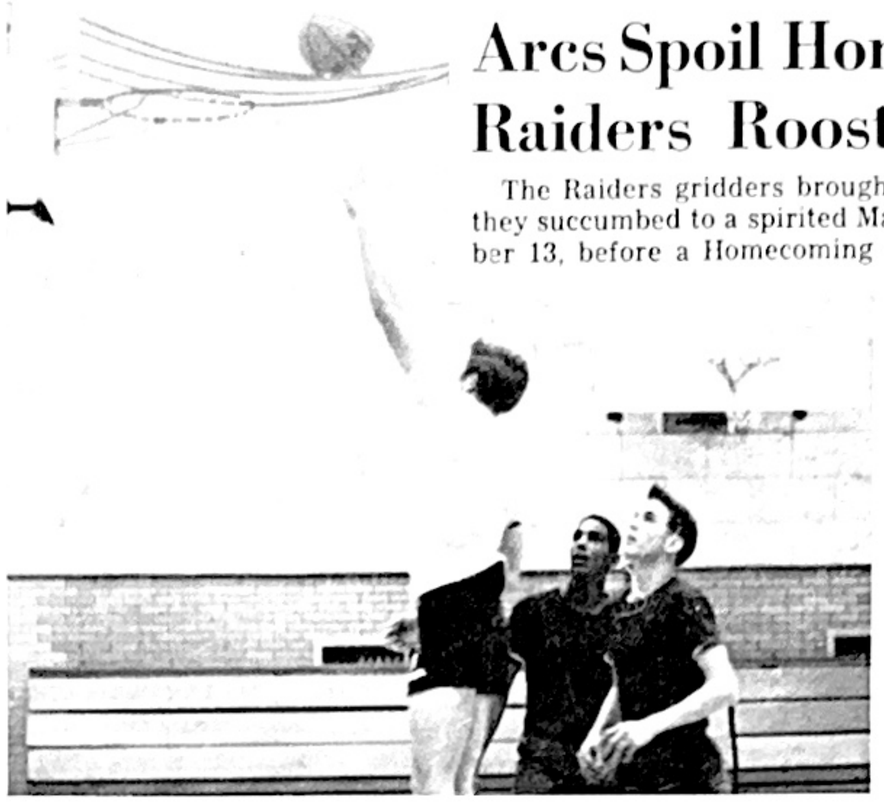

Cowboy Rodd Heinlen ropes two points in an intra-squad game.

Arcs Spoil Homecoming, 14-10; Raiders Roost in Sixth Place

The Raiders gridders brought their LEL season to a close when they succumbed to a spirited Maple Heights squad, 14-10, on November 13, before a Homecoming crowd at Rupp Field.

Early in the first period the Arcs plunged in for the score after recovering a Shaker fumble on the Raider 32-yard line. Following Rodd Heinlen's 54-yard punt to the Arc's one, stalwart Bill Theisen brought down the Brush carrier in the end zone for a Shaker safety.

Losing Effort

Brush's final tally came in the last quarter, following a slashing 50-yard drive. The Sannamen came back to score on a 70-yard pass from Angelo Valenti to Bob Hanna and a conversion by Bill Bannon.

Waller All-LEL

The Red and Whiters ended their season with a 3-6-1 overall slate and a 2-5 league mark, good for sixth place. Bill Theisen and Ken Alexander received rcognition from public newspapers, while Al Waller made all-LEL guard. Moreover, Bob Hanna finished second in league scoring.

Gunners Hooped Up to Win; Tackle Bisons and Patriots

Can the Raider cagers rise from the cellar to contention? The 1965 basketball team will start to answer this question, after only ten days practice, in their first game tonight against neighborhood Beachwood and in their first L.E.L. contest Friday, against Valley Forge.

Dana Garfield at 6 ft. 4½ in. and Tom Paige at 6 ft. 2 in. provide Shaker with that invaluable commodity, height. Coach Fred Heinlen sees these two as the key to the team's hopes, pointing out, "For once we do have some rebounding possibilities. Furthermore, our two big men are also potential scorers."

Co-captains Marty Thomas and Rodd Heinlen, in addition to Garfield and Paige, give the team four returning starters. Thomas is all-league material, while Heinlen is an experienced playmaker. Don Eickler, newly come from Clyde, Ohio, with a seventeen-point average in Class AA competition, rounds out the quintet.

A strong bench will back up the starting five. Lettermen Eugene Curtain and John Pearson and former J.V.'s Clarence Daniels, Lee Harvey, and Jim Robson figure to see much action.

The team looks solid, but no one can yet predict whether they will capture the spark that means victory. Mr. Heinlen, remembering how last year's erratic hoopsters finished last, but still dumped Shaw, Lakewood, and Heights, asks "Has maturity improved us?"

Anchorman

by Alan Geismer

Everything, including the pool, looks bright for Coach Paul Stark and his mermen this year. With the addition of new overhead lights, swimmers and spectators alike will be able to see the action much more clearly than ever before. Yet most of the illumination will come from Shaker's brilliant collection of aquatic talent.

Transfer students John Ronald and Phil McManus, who finished sixth in the state meet last year in the 100-yard freestyle, will take care of the crawl chores, while co-captain Fred Arsham, also a state runner-up, will handle the breaststroke and IM. Dave Crane will swim backstroke and co-captain Alan Gross will churn out a leg of the 400-yard freestyle relay, a new event this season. Oh yes, another of the versatile Haas brothers has come along. Sophomore spartan Dick will probably grind through the freestyle distances.

The traditionally excellent strokers launch what promises to be a great season next Friday night, when they host powerful Lakewood in an early L.E.L. clash. As the splashdown hour nears, both lights and hopes sparkle "go" for the Starkers.

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